

To: Department of Commerce  
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Applicant: SHIROTA, et al

Appln. No.: **Divisional of 09/460,795** *09/513,913*

Filing Date: Herewith

Examiner: SHULMAN, M.

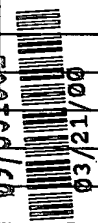
Group, Art, Unit: 3744

Date: March 21, 2000

Page 1 of 1

## U.S. PATENT DOCUMENTS

| Examiner's Initials*       |    | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | SubClass | Filing Date (if appropriate) |
|----------------------------|----|-----------------|--------------|--------------------------------------|-------|----------|------------------------------|
| <i>[Handwritten marks]</i> | AR | 3,918,270       | 11/1975      | DIXON et al.                         |       |          |                              |
|                            | BR | 2,213,018       | 08/1940      | PERKINS                              |       |          |                              |
|                            | CR | 5,074,121       | 12/1991      | MORRIS                               |       |          |                              |
|                            | DR | 4,958,504       | 09/1990      | ICHIKAWA et al.                      |       |          |                              |
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|                            | KR |                 |              |                                      |       |          |                              |
|                            | LR |                 |              |                                      |       |          |                              |
|                            | MR |                 |              |                                      |       |          |                              |
|                            | NR |                 |              |                                      |       |          |                              |

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09/513,913

## FOREIGN PATENT DOCUMENTS

|                            |               | Document Number     | Date MM/YYYY       | Country          | Inventor Name | Class        | SubClass     | English Abstract                    |                          | Readily Available        |                                     |
|----------------------------|---------------|---------------------|--------------------|------------------|---------------|--------------|--------------|-------------------------------------|--------------------------|--------------------------|-------------------------------------|
|                            |               |                     |                    |                  |               |              |              | Enclosed                            | No                       | Enclose                  | No                                  |
| <i>[Handwritten marks]</i> | OR            | 6-156049            | 06/1994            | JAPAN            | —             | —            | —            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                            | PR            | 56-082628           | 07/1981            | JAPAN            | —             | —            | —            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>is complete</i>         | <del>QR</del> | <del>5-003335</del> | <del>04/1993</del> | <del>JAPAN</del> | <del>—</del>  | <del>—</del> | <del>—</del> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>[Handwritten marks]</i> | RR            | 986663              | 03/1965            | Great Britain    | —             | —            | —            | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
|                            | SR            | 61-75305            | 05/1986            | JAPAN            | —             | —            | —            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                            | TR            | 56-149819           | 04/1955            | JAPAN            | —             | —            | —            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                            | UR            | 63-38016            | 02/1988            | JAPAN            | —             | —            | —            | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                            | VR            |                     |                    |                  |               |              |              | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
|                            | WR            |                     |                    |                  |               |              |              | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
|                            | XR            |                     |                    |                  |               |              |              | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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| YR  |  |  |  |  |
| ZR  |  |  |  |  |
| AAR |  |  |  |  |
| ABR |  |  |  |  |
| ACR |  |  |  |  |

Examiner

*John Ford*

Date Considered:

*1/2001*

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP ' 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.